

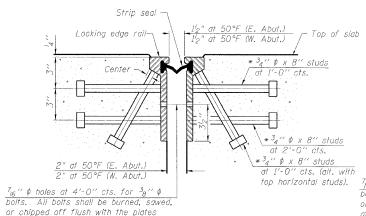
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

after forms are removed, typ.

07/1

<u>ROLLED</u>

EXTRUDED RAIL



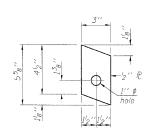
SECTION THRU

ROLLED RAIL JOINT

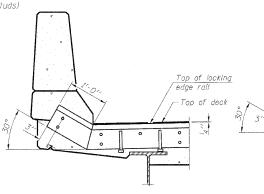
Strip seal— 1/2" at 50°F (E. Abut.) 1/2" at 50°F (W. Abut.) Locking edge rail-- Top of slab Anchor plate 234" at 50°F (W. Abut.) Place plates at 1'-0'' cts. 7_{16} " ϕ holes at 4'-0" cts. for 3_8 " ϕ (alt. with top horizontal studs)

bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

SECTION THRU WELDED RAIL JOINT



ANCHOR P



Top of sidewalk or median Top of locking edge rail

The strip seal shall be made continuous and shall have a minimum thickness

of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not

permitted. The gland shall be sized for a maximum rated movement of 4 inches. The height and thickness of the Locking Edge Ralls shown are minimum dimensions. The actual configuration of the Locking Edge Ralls and matching

strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

The manufacturer's recommended installation methods shall be followed. The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications

All steel components shall be galvanized after fabrication according to

shall be made at no additional cost to the State.

Article 520,03 of the Standard Specifications.

AT PARAPET

AT SIDEWALK OR MEDIAN

Shorter plates with a single row of studs at 12" cts, may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

TYPICAL END TREATMENTS

LOCKING EDGE RAIL SPLICE

the locking edge rail groove shall be free of weld residue.

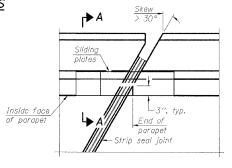
***Back gouge not required if complete joint penctration

is verified by mock-up.

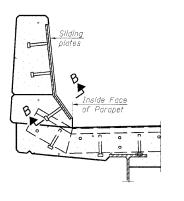
LOCKING EDGE RAILS

WELDED RAIL

//***

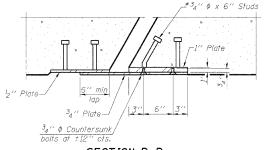


PLAN



SECTION A-A

POINT BLOCK DETAILS



SECTION B-B

BILL OF MATERIAL

| Item | Unit | Tol. |
|----------------------------|------|------|
| Preformed Joint Strip Seal | Foot | 145. |

(for skews > 30°)

DESIGNED AAY CHECKED DRAWN CHECKED AAY

> EJ-SSJ 10-1-08

alfred benesch & company benesch Richago Universität Grompony Engineers & Compony Engineers & Compony State Group Componers Surveyors - Planners 205 North Michigan Avenue, Suite 2400 Chicago, Illinois 60801 312-686-0450 Job No. 10050 SHE 8

| | STRUCTURE NO. 022-0104 | | | | | | |
|-----------|------------------------|--------------|----------|--------|------------|--------|-------------|
| EET NO. 7 | F.A.I. RTE. | SEC | TION | | COUNTY | TOTAL | SHEE NO. |
| / // / | 290 355 | 22(1, 1-1, | 2&3)RS- | 7 | DUPAGE | 546 | 356 |
| SHEETS | | | | | CONTRACT | NO. 60 | G51 |
| | FED. RO | AD DIST. NO. | ILLINOIS | FED. A | ID PROJECT | | |

PREFORMED JOINT STRIP SEAL